

AMENDMENT

Presented below are the amendments, with changes entered and not marked.

In the Title:

✓
Please delete the title in its entirety and insert the following in place thereof: ✓

--Image Differencing For Analog Photocell Array--

In the Specification:

Page 1, line 4, after the title "BACKGROUND OF THE INVENTION", please insert the following:

--Cross-Reference To Related Applications--

--This application is a divisional of U.S. Patent Application Serial No.

09/307,574, filed May 7, 1999 and assigned to the assignee of the present application.--

In the Abstract:

✓
Please delete the abstract in its entirety and insert the following in place thereof: ✓

--Under an embodiment, a system includes an array of analog photocells; a first plurality of shift cells, each shift cell in the first plurality of shift cells being coupled to a corresponding analog photocell; and a second plurality of shift cells, each shift cell in the second plurality of shift cells being coupled to a corresponding shift cell in the first plurality of shift cells; and a differential operational amplifier having a first input coupled to a terminating output of the first plurality of shift cells and a second input coupled to a terminating output of the second plurality of shift cells.--